



PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

OMIM

Boo

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☐ 1: LNHUP1. pulmonary surfactant...[gi:71969]

BLink, Domains, Links

LOCUS LNHUP1 248 aa linear PRI 16-JUL-1999
DEFINITION pulmonary surfactant protein A precursor (clone 1A) - human.
ACCESSION LNHUP1
VERSION LNHUP1 GI:71969
DBSOURCE pir: locus LNHUP1;

summary: #length 248 #molecular-weight 26209 #checksum 4335
;
genetic: #gene GDB:SFTPA1; SFTP1; SP-A; SP-A1 ##cross-references
GDB:119593; OMIM:178630 #map_position 10q22-10q23
;
superfamily: mannose-binding lectin; C-type lectin homology
;
PIR dates: 31-Dec-1990 #sequence_revision 31-Dec-1990 #text_change
16-Jul-1999

KEYWORDS acetylated amino end; alveolar proteinosis; calcium; gaseous
exchange; glycoprotein; hydroxyproline; lung; pulmonary surfactant;
respiratory distress syndrome.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (residues 1 to 248)

AUTHORS Floros,J., Steinbrink,R., Jacobs,K., Phelps,D., Kriz,R., Recny,M.,
Sultzman,L., Jones,S., Taeusch,H.W., Frank,H.A. and Fritsch,E.F.

TITLE Isolation and characterization of cDNA clones for the 35-kDa
pulmonary surfactant-associated protein

JOURNAL J. Biol. Chem. 261 (19), 9029-9033 (1986)

MEDLINE 86250832

PUBMED 3755136

FEATURES

Location/Qualifiers

source

1..248

/organism="Homo sapiens"

/db_xref="taxon:9606"

Protein

1..248

/product="pulmonary surfactant protein A precursor (clone
1A)"

/note="pulmonary surfactant 32K apoprotein; pulmonary
surfactant-associated protein PSP-A"

Region

1..20

/region_name="domain"

/note="signal sequence"

Region

21..248

/region_name="product"

/note="pulmonary surfactant protein A"

Site

21

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	/note="carbohydrate (Asn) (covalent)"

ORIGIN

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121 trgalslqgs imtvgekvfs sngqsitfda iqeacaragg riavprnpee neaiasfvkk
181 yntyayvglt egpspgdfry sdgtpvnytn wyrgepagrg keqcvemytd gqwndrncl
241 srlticef

```

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